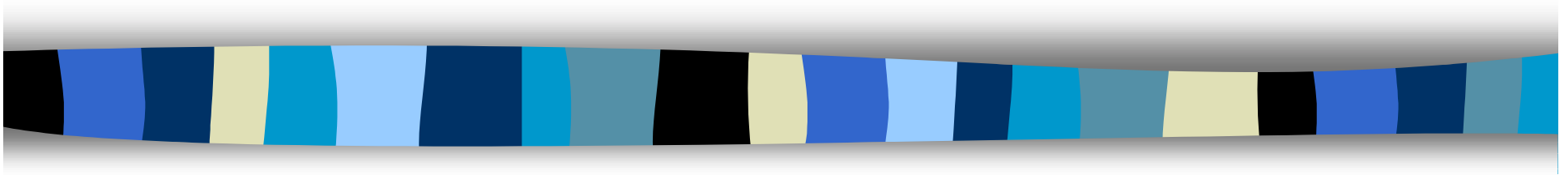


PM Study Status Report



Policy Committee Meeting
July 7, 2000



Fall Study Objectives

- Determine homogeneity, spatial extent, and diurnal variation of PM concentrations in and surrounding Corcoran
- Estimate zone of representation for the Corcoran anchor site
- Estimate zones of influence for PM around source and neighborhood exposure sites
- Identify principal contributors to Corcoran anchor site exceedances and contrast them with contributions at other locations
- Determine spatial homogeneity of nitrate with time of day and vertical and horizontal mixing



Fall Study Monitoring Period

Start: **October 1, 2000**

End: **November 6, 2000**

One to two week shift earlier or later, depending on harvest schedule.



Corcoran Anchor Site

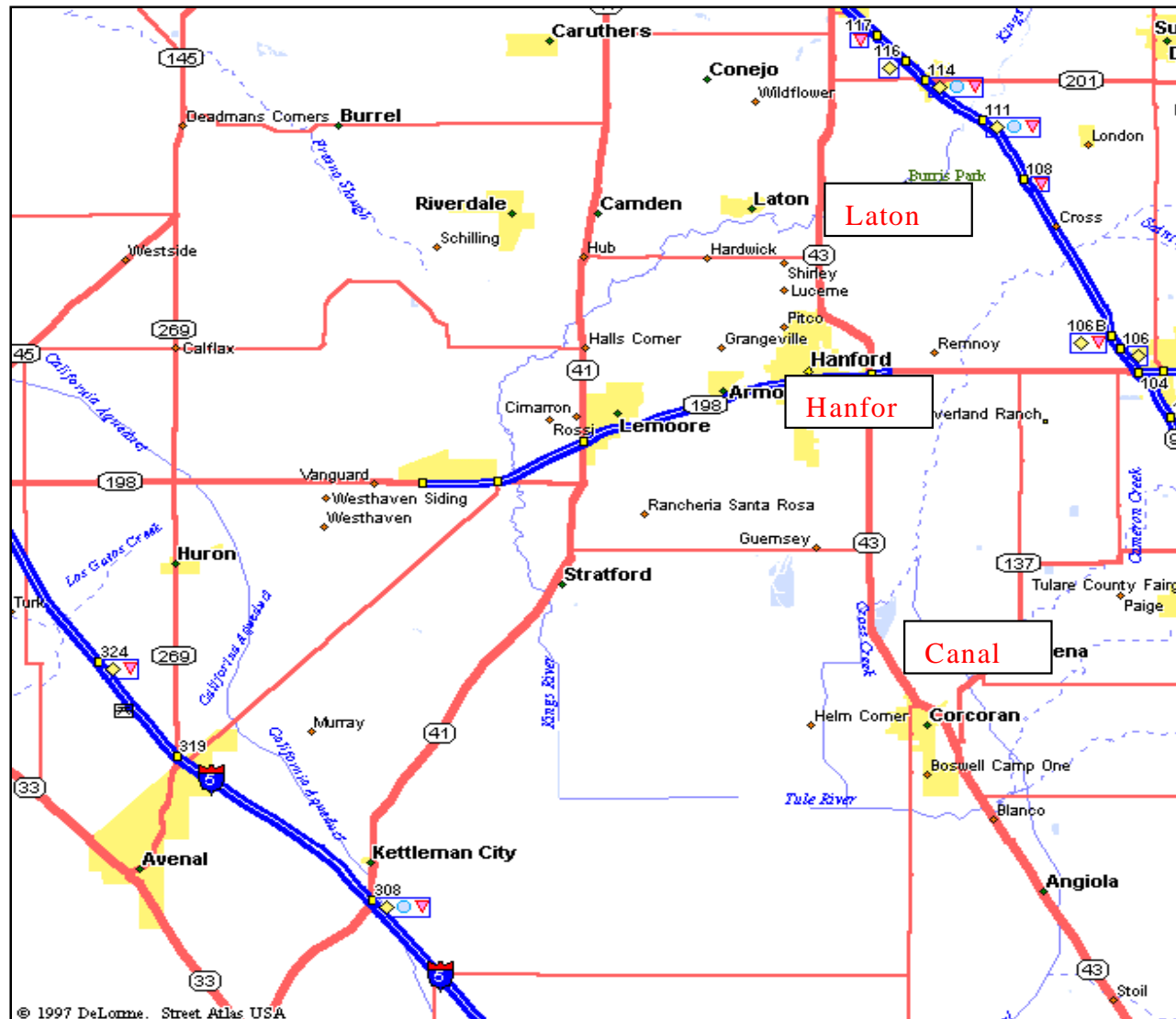
- PM₁₀ & PM_{2.5} BAM (1 hr)
- Seven wavelength aethalometer (5 min)
- Radiance nephelometer (5 min)
- R&P Nitrate (10 min)
- PM10 filter measurements for mass, ions, elements, and microscopic analyses (24-hr-daily; analyze episodes)
- Wind speed, direction, temperature, relative humidity (5 min)



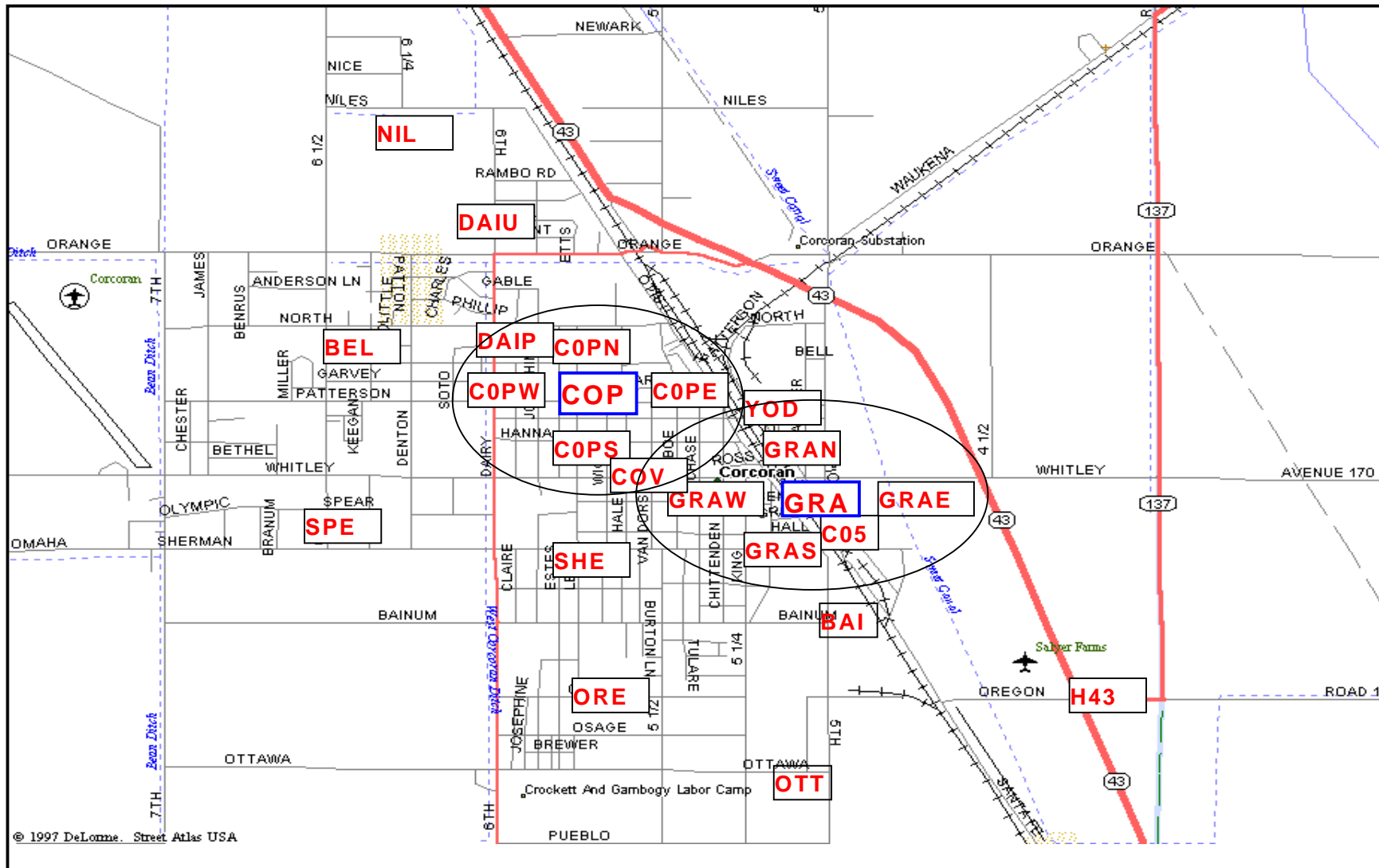
Fall Satellite Sites

- 24 sites with nephelometers (5 min)
- Five sites with fixed filter measurements for mass (24 hour-daily)
- Five movable sets of filter measurements for mass, ions, elements, and microscopic analysis (24 hour-daily; analyze episodes)

Fall Sub-regional Network



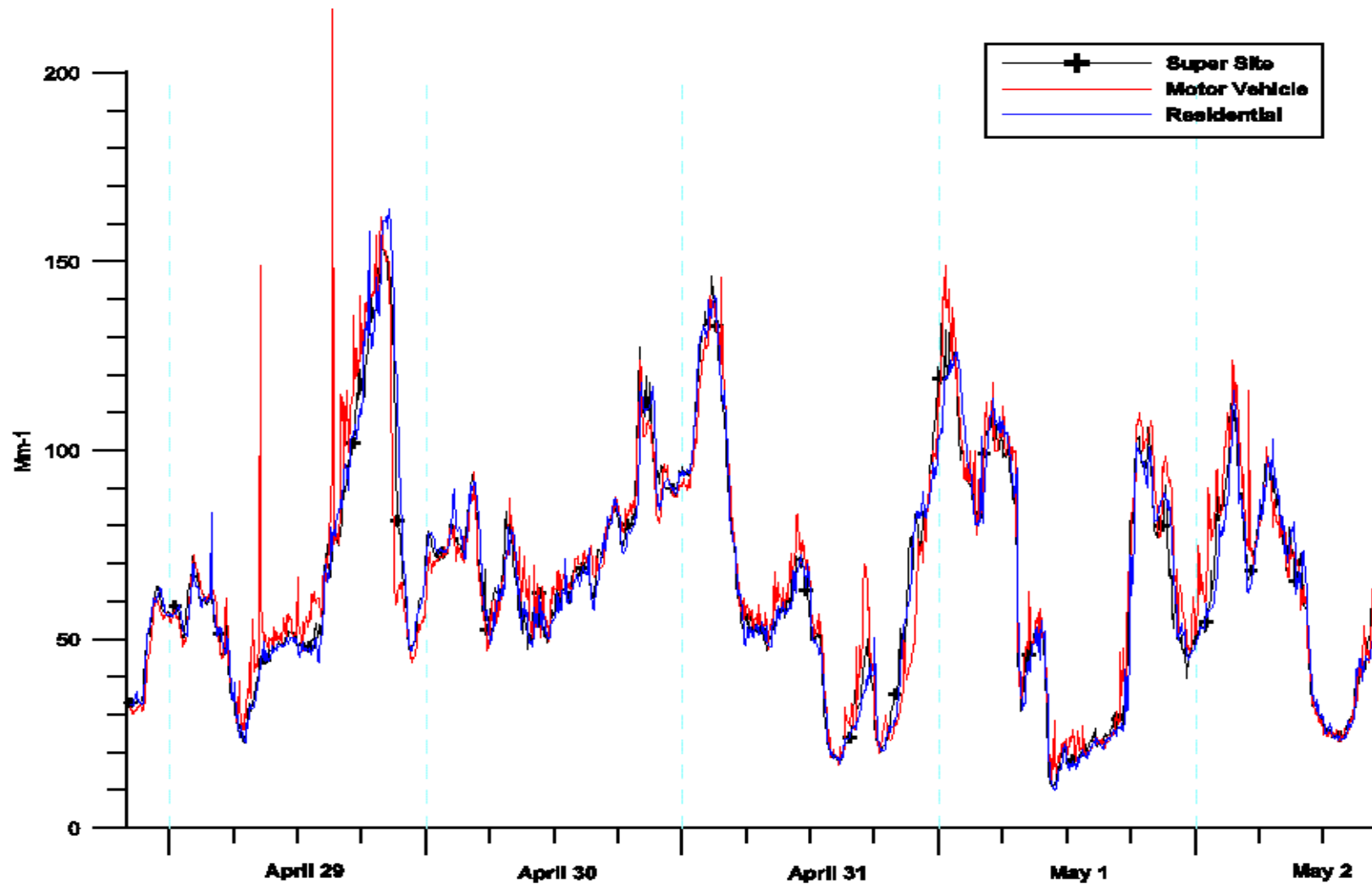
Fall Focus Network



Fresno-Residential Site



Comparison of Nephelometer Data at Fresno Sites





Additional Winter Funding

- Gas Research Institute will contribute \$100,000 to help support additional monitoring to support model performance evaluation as part of contract with Dr. Michael Kleeman of U.C. Davis



Contingency Fund Expenses

- Angiola tower elevator upgrades
- Angiola tower guy wire anchor foundation replacement



Equipment Account Purchases

ITEM	NUMBER
■ Nephelometers	45
■ Aethelometers	12
■ Data acquisition systems	10
■ PM10/PM2.5 mass monitors	7
■ Optical particle counters	5
■ NOy monitors	4
■ Calibration systems	4
■ Continuous nitrate monitors	2
■ Continuous carbon monitor	1
■ Ozone monitor	1